

**ELISTrefdata.8100.Final.SOL7.SVD**

**Defense Information Infrastructure (DII)  
Common Operating Environment (COE)**

**Software Version Description (SVD)  
for the  
Enhanced Logistics Intratheater Support Tool (ELIST)  
Reference Data Segment Version 8.1.0.0  
  
for Solaris 7**

**26 February 2002**

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## 1. Scope

This document is the *Software Version Description (SVD) for the Enhanced Logistics Intratheater Support Tool (ELIST) Reference Data Segment*. It contains basic information about the segment.

### 1.1 Identification

The ELIST Reference Data Segment is one of seven segments that make up the DII COE ELIST mission application. The distributed segment software, data, and documentation are **Unclassified**.

Table 1 identifies all the segments of the ELIST mission application. In the table, each segment is given a number by which it may be referenced in this document. The table also gives the name, the segment type (and, if a data segment, the segment scope), the current version number, and the directory name assigned to each segment.

**Table 1. Segments of the ELIST Mission Application**

Segment Number	Segment Name	Segment Type / Scope	Version Number	Directory Name
1	ELIST Global Data Segment	Data / Global	8.1.0.0	ELISTglob
2	ELIST Database Instance Segment	Data / Segment	8.1.0.0	ELISTdbinst
3	ELIST Database Fill Segment	Data / Local	8.1.0.0	ELISTdbfill
4	ELIST Database Segment	Database	8.1.0.0	ELISTdb
5	ELIST Database Utility Segment	Software	8.1.0.0	ELISTdbutil
6	ELIST Software Segment	Software	8.1.0.0	ELISTexec
7	ELIST Reference Data Segment	Data / Local	8.1.0.0	ELISTrefdata

All seven segments have the following identification properties in common:

**Segment Prefix<sup>1</sup>:**                   ELIST

**Platform(s)<sup>2</sup>:**                   Sun/Solaris 7

**DII COE Versions:**               4.2.0.0P4 or later

All seven of the ELIST segments must be installed before you can use the ELIST mission application.<sup>3</sup>

Refer to the *Introduction to the Enhanced Logistics Intratheater Support Tool (ELIST) Mission Application and its Segments: Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment* for the following:

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<sup>1</sup> Note carefully that all segments have the same prefix. This is not typical of multisegment DII COE mission applications.

<sup>2</sup> Implementation of the ELIST segments for PC/Windows NT 4.0 will follow shortly. This documentation covers only the Sun/Solaris 7 platform but will be supplemented or replaced when an implementation becomes available for NT.

<sup>3</sup>To save space, however, the ELIST Database Fill Segment can be removed after successfully installing the ELIST Database Segment.

- an overview of the mission application and all of its segments in the context of the application;
- considerations applicable to the use of ELIST with classified data;
- the definitions of key concepts and terms used throughout the ELIST documentation;
- a complete list of the available ELIST documentation;
- a brief history of ELIST; and
- basic information pertinent to the client/server configuration and installation of the ELIST segments.

## 1.2 Segment Overview

The ELIST Reference Data Segment provides a starter set of NIMA map reference data consisting of the minimum World Vector Shoreline (WVS) data required by ELIST. These data, which are in vector product format, can be supplemented by the additional NIMA map data (e.g., ADRG, CADRG, or DTED data, which are in raster product format) required for particular uses of ELIST, as described in the *User's Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment*.<sup>4</sup> Some such raster product map data are *always* required to run a simulation.

## 1.3 Points of Contact

The development of ELIST was sponsored by the Military Traffic Management Command (MTMC) Transportation Engineering Agency (TEA). ELIST was implemented by MTMCTEA and Argonne National Laboratory (ANL). For administrative and program management support, including the permission that DISA Configuration Management (CM) requires to release the distribution media for the ELIST mission application to prospective users, contact

Doug Barbour, ELIST Project Officer  
 MTMCTEA  
 720 Thimble Shoals Blvd.  
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 23606-0276  
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[barboud@tea-emh1.army.mil](mailto:barboud@tea-emh1.army.mil)

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<sup>4</sup> The software for managing the data stored in the ELIST Reference Data Segment actually belongs to the ELIST Software Segment.

For technical support of a segment-specific (*i.e.*, DII COE-related) nature, contact

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For technical support of a more general nature (*i.e.*, related to issues of functionality), contact

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[vang@anl.gov](mailto:vang@anl.gov)

## 1.4 Product Information

**Product Qualification:** Completed in-house testing

**Product Restrictions:** Releasable to military organizations (like OSD; Joint Staff; EUCOM, CENTCOM, and other CINCs) and perhaps other government organizations with approval of MTMCTEA. Consult Chapter 8 of Army Regulation 5-11 (see citation in Section 2.1.4, below), then contact the ELIST Project Officer at the address given in Section 1.3

**Product Dependencies:** (none)

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## 2. Referenced Documents

The following other documents are referenced in this document.

### 2.1 Government Documents

#### 2.1.1 DII COE ELIST Documents

*Introduction to the Enhanced Logistics Intratheater Support Tool (ELIST) Mission Application and its Segments: Global Data Segment Version 8.1.0.0, Database Instance Segment Version 8.1.0.0, Database Fill Segment Version 8.1.0.0, Database Segment Version 8.1.0.0, Database Utility Segment Version 8.1.0.0, Software Segment Version 8.1.0.0, and Reference Data Segment Version 8.1.0.0 for Solaris 7*, ELIST.8100.Final.SOL7.Intro, Argonne National Laboratory, 26 February 2002

*Installation Procedures (IP) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment Version 8.1.0.0, Database Instance Segment Version 8.1.0.0, Database Fill Segment Version 8.1.0.0, Database Segment Version 8.1.0.0, Database Utility Segment Version 8.1.0.0, Software Segment Version 8.1.0.0, and Reference Data Segment Version 8.1.0.0 for Solaris 7*, ELIST.8100.Final.SOL7.IP, Argonne National Laboratory, 26 February 2002

*Software Test Plan/Description/Report (STP\_STD\_STR) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment Version 8.1.0.0, Database Instance Segment Version 8.1.0.0, Database Fill Segment Version 8.1.0.0, Database Segment Version 8.1.0.0, Database Utility Segment Version 8.1.0.0, Software Segment Version 8.1.0.0, and Reference Data Segment Version 8.1.0.0 for Solaris 7*, ELIST.8100.Final.SOL7.STP\_STD\_STR, Argonne National Laboratory, 26 February 2002

*User's Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment Version 8.1.0.0 for Solaris 7*, ELISTexec.8100.Final.SOL7.UM, Argonne National Laboratory, 26 February 2002

#### 2.1.2 Other DII COE Documents

N/A.

#### 2.1.3 Other ELIST Documents

N/A.

#### 2.1.4 Other Government Documents

Army Regulation 5-11, *Management of Army Models and Simulations*, Army HQ, Washington DC, 10 July 1997. Available on the World Wide Web at <http://www.amso.army.mil/ar5-11>.  
POC: Debra Ridgeway, Army Model Simulation Office, DSN 329-0012 ext. 24, comm. (703) 601-0012 ext. 24, email [debra.ridgeway@hqda.army.mil](mailto:debra.ridgeway@hqda.army.mil)

## 2.2 Non-Government Documents

N/A.

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### 3. Version Description

#### 3.1 Inventory of Materials Released

**NOTE:** See Section 1.4 for Product (*i.e.*, Releasability) Restrictions.

The ELIST Reference Data Segment for Solaris 7, Version 8.1.0.0, CM Number 10100, 26 February 2002, is distributed in `MakeInstall` format on two CDs, one externally labeled “Master” and the other “Backup,” and both externally labeled “ELIST Mission Application Software.” The other segments of the ELIST mission application are distributed on the same CDs.

Documentation for the ELIST Reference Data Segment is also distributed on two CDs, one externally labeled “Master” and the other “Backup,” and both externally labeled “ELIST Mission Application Documentation.” Documentation for the other segments of the ELIST mission application is distributed on the same CDs. On these CDs, the documentation pertinent to the ELIST Reference Data Segment can be found in the following directories:

- ELIST directory
  - *Introduction to the Enhanced Logistics Intratheater Support Tool (ELIST) Mission Application and its Segments: Global Data Segment Version 8.1.0.0, Database Instance Segment Version 8.1.0.0, Database Fill Segment Version 8.1.0.0, Database Segment Version 8.1.0.0, Database Utility Segment Version 8.1.0.0, Software Segment Version 8.1.0.0, and Reference Data Segment Version 8.1.0.0 for Solaris 7,*  
ELIST.8100.Final.SOL7.Intro, Argonne National Laboratory, 26 February 2002
  - *Installation Procedures (IP) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment Version 8.1.0.0, Database Instance Segment Version 8.1.0.0, Database Fill Segment Version 8.1.0.0, Database Segment Version 8.1.0.0, Database Utility Segment Version 8.1.0.0, Software Segment Version 8.1.0.0, and Reference Data Segment Version 8.1.0.0 for Solaris 7,*  
ELIST.8100.Final.SOL7.IP, Argonne National Laboratory, 26 February 2002
  - *Software Test Plan/Description/Report (STP\_STD\_STR) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment Version 8.1.0.0, Database Instance Segment Version 8.1.0.0, Database Fill Segment Version 8.1.0.0, Database Segment Version 8.1.0.0, Database Utility Segment Version 8.1.0.0, Software Segment Version 8.1.0.0, and Reference Data Segment Version 8.1.0.0 for Solaris 7,*  
ELIST.8100.Final.SOL7.STP\_STD\_STR, Argonne National Laboratory, 26 February 2002
- ELISTrefdata directory
  - *Software Version Description (SVD) for the Enhanced Logistics Intratheater Support Tool (ELIST) Reference Data Segment Version*

## 3.2 Pertinent Documentation

All pertinent documentation is delivered with the segment (see Section 3.1).

## 3.3 Inventory of Software Contents

The directory structure of the ELIST Global Data Segment, as distributed, can be inferred from the listing of the `FileAttribs` descriptor file in Appendix A.7.

The segment is a data segment of local scope. It contains directories and data files shared among the segments of the ELIST mission application. There are no executables and no scripts except for the installation and deinstallation scripts.

## 3.4 Changes Installed

N/A.

## 3.5 Waivers

See Appendix C.

## 3.6 Adaptation Data

Additional reference data can be loaded into the ELIST Reference Data Segment after its installation, as required for particular uses of ELIST. Menu items for performing such loads are provided by the ELIST Software Segment. The *User's Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment* describes how to add and remove reference data.

## 3.7 Installation Instructions

Installation instructions for all the segments of the ELIST mission application can be found in the *Installation Procedures (IP) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment*.

The computer system resources required by the ELIST Reference Data Segment are as follows:

- RAM required:        (none)
- Disk space required: 15518 KB

The figure given above for disk space is the amount of storage occupied by the segment just after installation. The space occupied will grow when the administrative features of the ELIST Software Segment are subsequently used to add NIMA map data to the ELIST Reference Data

Segment.<sup>5</sup> The Segment Installer ensures that a modest amount of expansion space (650 MB) is available when the ELIST Reference Data Segment is installed.

### 3.8 Possible Problems and Known Errors

There were no known errors when this document was prepared.

The following shortcoming in the design of the ELIST Reference Data Segment is known:

- As discussed in some detail in the *User's Manual (UM) for the Enhanced Logistics Intratheater Support Tool (ELIST) Software Segment*, the segment is delivered with a starter set of World Vector Shoreline (WVS) data at the coarsest three resolutions available. This choice was motivated by a desire to hold the segment to a reasonable size. Unfortunately, no mechanism is provided to add WVS data at a finer resolution after the segment is installed, should that option be desired and should space be available for it.

This shortcoming will be alleviated in a future release by providing additional features in the ELIST Software Segment for adding and deleting WVS data.

These features will be analogous to the existing features for adding and deleting ADRG, CADRG, or DTED map data. After these features are implemented, the starter set of WVS data will no longer be distributed with the ELIST Reference Data Segment. This approach allows the size of the segment to be significantly reduced; it also eliminates the need to issue updated versions of the segment each time NIMA releases an updated WVS CD. Administrative ELIST users will be expected to add the desired resolutions of WVS data to the segment after it is installed, just as they now must add the NIMA map data required to support the simulations of interest.

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<sup>5</sup> Any use of the ELIST mission application will require that raster product format map data from NIMA, appropriate to the locale for the intended simulation, be added to the data directory of this segment. Such an addition will significantly increase the disk storage requirements (to the range of gigabytes or at least hundreds of megabytes).

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## 4. Notes

The ELIST Reference Data Segment must be installed on a platform configured as an application client. In the current implementation, that platform must be a Sun workstation. The ELIST Software Segment must also be resident on the same machine, but that requirement is not necessary for the installation of the ELIST Reference Data Segment, and either segment may be installed first. Further information on system configuration can be found in the *Installation Procedures (IP) for the Enhanced Logistics Intratheater Support Tool (ELIST) Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment*.

The following acronyms are (or may be) used in this document.

Acronym	Definition
ADRG	ARC Digitized Raster Graphics
ANL	Argonne National Laboratory
CADRG	Compressed ARC Digitized Raster Graphics
CD	Compact Disk
CENTCOM	Central Command
CINC	Combined Intelligence Center (as used in this document)
CM	Configuration Management
COE	Common Operating Environment
DB	Database
DBA	Database Administrator
DII	Defense Information Infrastructure
DISA	Defense Information Systems Agency
DSN	Defense Switched Network
DTED	Digital Terrain Elevation Data
ELIST	Enhanced Logistics Intratheater Support Tool (DII COE segment prefix)
ETEdit	ETPFDD Editor
ETPFDD	Expanded Time Phased Force Deployment Data
EUCOM	European Command
GB	Gigabyte(s)
HQ	Headquarters
IP	Installation Procedures
I&RTS	Integration and Runtime Specification
LAN	Local Area Network
KB	Kilobyte(s)
MB	Megabyte(s)
MTMC	Military Traffic Management Command
N/A	Not Applicable
NFS	Network File System
NIMA	National Imagery and Mapping Agency
NT	New Technology (an Operating System for Microsoft Windows)
OS	Operating System
OSD	Office of the Secretary of Defense
PC	Personal Computer
POC	Point of Contact

RAM	Random Access Memory
STD	Software Test Description
STP	Software Test Plan
STR	Software Test Report
SVD	Software Version Description
TEA	Transportation Engineering Agency
UM	User's Manual
WVS	World Vector Shoreline

## **5. Acknowledgements**

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The development of ELIST and the preparation of this document were supported by funding from the Military Traffic Management Command Transportation Engineering Agency of the United States Army.

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## **6. Documentation Improvement and Feedback**

Comments and other feedback on this document should be directed to:

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Fax: (630) 252-5128

Email: [dritz@anl.gov](mailto:dritz@anl.gov)

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## Appendix A. Contents of the Descriptor Files in the SegDescrip Directory

The contents of the descriptor files in the SegDescrip directory are reproduced in this appendix.

### A.1 SegName File

```
#=====
# SegName descriptor file for the ELIST Reference Data Segment
# Segment Prefix: ELIST
# Segment Directory: ELISTrefdata
#=====

$TYPE:DATA
$NAME:ELIST Reference Data Segment
$PREFIX:ELIST
$SEGMENT:COE Component Parent:COE:/h/COE

# Note: The preceding line is needed ONLY to satisfy VerifySeg. It will be
# removed when VerifySeg no longer requires Data segments to name an affected
# segment. The installation of this segment does not change COE in any way.

# END OF FILE
```

### A.2 SegInfo File

```
# This is the SegInfo file for the ELIST Reference Data Segment.

[Data]
$LOCAL:COE Component Parent:COE:/h/COE

# Note: The information after the $LOCAL keyword in the previous line is
# gratuitous. It is needed only to satisfy VerifySeg and does not provide any
# essential information. COE is not changed in any way by the installation
# of this segment. If the need for this information is dropped in the future,
# this descriptor will be simplified.

[Security]
UNCLASS

[Hardware]
$CPU:SPARC
$DISK:15518:650000
$OPSYS:SOL
$MEMORY:0

[COEServices]
$GROUPS
elistusr:419
$PASSWORDS
elistown:418:419:ELIST File Owner:/:/bin/sh

# END OF FILE
```

### A.3 VERSION File

```
# This is the VERSION descriptor for the ELIST Reference Data Segment.
8.1.0.0 : 01/07/2002 : 10:41

# END OF FILE
```

## A.4 ReleaseNotes File

This is the ReleaseNotes file for the ELIST Reference Data Segment.

The purpose of this segment is to provide a place to store static NIMA reference data shared by all ELIST users. As distributed, this segment includes a "small" set of World Vector Shoreline (WVS) data; larger sets can be added later (instructions for doing so will be provided later). Other kinds of NIMA data are NOT distributed with this segment, and a user in the elistadm group will have to add the desired NIMA raster product format data (to support particular simulations) to this segment's storage, using the "AddMapData" feature of the ELIST Software Segment. Such data can occupy huge amounts of space (gigabytes). The ELIST Software Segment also has a "DeleteMapData" feature, to delete NIMA raster product format data that is no longer needed so as to make space available (if necessary) for additional data.

This segment has no PostInstall script and has only an empty DEINSTALL script. It is a completely "passive" segment.

As currently described, this segment is a Data segment of Local scope. It might make sense for it to have Global scope; this change will be considered in the future. Making the scope Global would allow one copy of the reference data to be shared by all users on the network. However, it also places constraints on where that data can be loaded (it \*must\* be loaded into the shared /h/data/global partition), with consequent loss of flexibility.

This segment must be installed on the Application Client platform on which the ELIST Software Segment is, or is to be, installed. These two segments can be installed and deinstalled in either order. Neither requires the other for a successful installation, but the ELIST and ETEdit executables in the ELIST Software Segment check to make sure that the ELIST Reference Data Segment is installed before they proceed.

END OF FILE

## A.5 PostInstall File

N/A.

## A.6 DEINSTALL File

```
#!/bin/sh

# This is the DEINSTALL script for the ELIST Reference Data Segment.
# It has nothing to do and is provided only to make this segment removable.

exit 0

# END OF FILE
```

## A.7 FileAttrs File

```
# This is the FileAttrs descriptor for the ELIST Reference Data Segment.

$SegDir:750:418:419
$ExternalData:750:418:419
750:418:419:SegDescrip
750:418:419:SegDescrip/DEINSTALL
640:418:419:SegDescrip/FileAttrs
640:418:419:SegDescrip/ReleaseNotes
640:418:419:SegDescrip/SegInfo
640:418:419:SegDescrip/SegName
640:418:419:SegDescrip/VERSION
640:418:419:SegDescrip/Validated
750:418:419:Integ
640:418:419:Integ/IntgNotes
640:418:419:Integ/VSOoutput
750:418:419:data
```

## ELISTrefdata.8100.Final.SOL7.SVD

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ELISTrefdata.8100.Final.SOL7.SVD

ELISTrefdata.8100.Final.SOL7.SVD

# ELISTrefdata.8100.Final.SOL7.SVD

750:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/cnd.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/csi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/ebr.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/edg.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/edx.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/esi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/fac.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/fbr.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/fsi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/rng.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/tsi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/txt.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/j/aa/txx.  
 750:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l  
 750:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/cnd.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/csi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/ebr.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/edg.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/edx.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/esi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/fac.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/fbr.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/fsi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/rng.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/tsi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/txt.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/coc/y/l/aa/txx.  
 750:418:419:data/wvsplus/wvsplus/wvs012m/gazette  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/char.vdt  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/char.vdx  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/country.pti  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/end.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/end\_id.pti  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/fcs.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/fcz.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/gazette.pft  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/gazette.pfx  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/nsi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/gazette/sov.pti  
 640:418:419:data/wvsplus/wvsplus/wvs012m/grt.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/lht.  
 750:418:419:data/wvsplus/wvsplus/wvs012m/libref  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/cnd.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/csi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/ebr.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/edg.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/edx.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/esi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/fcs.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/fcz.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/libref/libref.lft  
 750:418:419:data/wvsplus/wvsplus/wvs012m/tileref  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/cnd.  
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 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/edg.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/edx.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/fac.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/fac\_id.ati  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/fbr.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/fcs.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/fcz.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/fsi.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/rng.  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/tileref.aft  
 640:418:419:data/wvsplus/wvsplus/wvs012m/tileref/tile\_nam.ati  
 750:418:419:data/wvsplus/wvsplus/wvs040m  
 750:418:419:data/wvsplus/wvsplus/wvs040m/bat  
 750:418:419:data/wvsplus/wvsplus/wvs040m/bat/a  
 750:418:419:data/wvsplus/wvsplus/wvs040m/bat/a/a  
 750:418:419:data/wvsplus/wvsplus/wvs040m/bat/a/a/aa  
 640:418:419:data/wvsplus/wvsplus/wvs040m/bat/a/a/aa/cnd.  
 640:418:419:data/wvsplus/wvsplus/wvs040m/bat/a/a/aa/csi.

ELISTrefdata.8100.Final.SOL7.SVD

# ELISTrefdata.8100.Final.SOL7.SVD

640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/j/aa/rng.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/j/aa/tsi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/j/aa/txt.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/j/aa/ttx.  
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l  
750:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/csi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/edg.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/edx.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/esi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/coc/y/l/aa/fac.  
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640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/end.  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/end\_id.pti  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/fcs.  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/fcz.  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette.pft  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/gazette.pfx  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/nsi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/gazette/sov.pti  
640:418:419:data/wvsplus/wvsplus/wvs040m/grt.  
640:418:419:data/wvsplus/wvsplus/wvs040m/lht.  
750:418:419:data/wvsplus/wvsplus/wvs040m/libref  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/csi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/edg.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/edx.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/esi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/fcs.  
640:418:419:data/wvsplus/wvsplus/wvs040m/libref/fcz.  
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750:418:419:data/wvsplus/wvsplus/wvs040m/tileref  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/edg.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/edx.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/fac.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/fac\_id.ati  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/fbr.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/fcs.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/fcz.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/fsi.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/rng.  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/tileref.aft  
640:418:419:data/wvsplus/wvsplus/wvs040m/tileref/tile\_nam.ati  
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750:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/csi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/edg.  
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640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/esi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/fac.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/fbr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/fsi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/a/a/aa/rng.

## ELISTrefdata.8100.Final.SOL7.SVD

# ELISTrefdata.8100.Final.SOL7.SVD

640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/j/aa/txx.  
750:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l  
750:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/csi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/edg.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/edx.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/esi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/fac.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/fbr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/fsi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/coc/y/l/aa/rng.  
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640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/country.pti  
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640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/end\_id.pti  
640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/fcs.  
640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/fcz.  
640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/gazette.pft  
640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/gazette.pfx  
640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/nsi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/gazette/sov.pti  
640:418:419:data/wvsplus/wvsplus/wvs120m/grt.  
640:418:419:data/wvsplus/wvsplus/wvs120m/lht.  
750:418:419:data/wvsplus/wvsplus/wvs120m/libref  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/csi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/edg.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/edx.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/esi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/fcs.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/fcz.  
640:418:419:data/wvsplus/wvsplus/wvs120m/libref/libref.lft  
750:418:419:data/wvsplus/wvsplus/wvs120m/tileref  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/cnd.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/ebr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/edg.  
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640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/fac.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/fac\_id.ati  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/fbr.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/fcs.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/fcz.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/fsi.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/rng.  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/tileref.aft  
640:418:419:data/wvsplus/wvsplus/wvs120m/tileref/tile\_nam.ati

# END OF FILE



## Appendix B. Contents of the Files in the **Integ** Directory

The contents of the files in the **Integ** directory are reproduced in this appendix.

### B.1 **IntgNotes** File

This is the **IntgNotes** file for the ELIST Reference Data Segment.

This submission Version 8.1.0.0 is the initial submission of the segment.

The ELIST Reference Data Segment is part of the ELIST mission application. There are six other segments. All seven segments have the same segment prefix (ELIST).

This segment establishes directories that hold map data for ELIST. A starter set of WVS data is included upon installation. Raster-product map data (e.g., ADRG, CADRG, and/or DTED data) must be supplied by the user for the region in which simulations are to be performed. Such data is added to the segment by using the Add Map Data feature of the ELIST Software Segment.

Refer to the "Introduction to the Enhanced Logistics Intratheater Support Tool (ELIST) Mission Application and its Segments: Global Data Segment, Database Instance Segment, Database Fill Segment, Database Segment, Database Utility Segment, Software Segment, and Reference Data Segment" for the following:

- + an overview of the mission application and all of its segments in the context of the application;
- + the definitions of key concepts and terms used throughout the ELIST documentation;
- + a complete list of the available ELIST documentation;
- + a brief history of ELIST; and
- + basic information pertinent to the client/server configuration and installation of the ELIST segments.

END OF FILE

### B.2 Annotated **VSOutput** File

```
Results of verification:  
"./ELISTrefdata":  
    Totals  
    -----  
    Errors:      0  
    Warnings:   0
```

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## Appendix C. Chief Engineer Permissions and Waivers Requested

### Chief Engineer Permission Request

<b>SEGMENT DESIGNATION:</b>	ELIST Reference Data Segment (ELIST)
<b>CM Number:</b>	10100
<b>OPERATING SYSTEM:</b>	Solaris 7
<b>MISSION APPLICATION NAME:</b>	Enhanced Logistics Intratheater Support Tool
<b>TECHNICAL POC:</b>	Kenneth W. Dritz Decision and Information Sciences Division Argonne National Laboratory 9700 S. Cass Ave. Argonne, IL 60439 <a href="mailto:dritz@anl.gov">dritz@anl.gov</a>
<b>APPROVAL REQUESTED FROM:</b>	GCSS Chief Engineer
<b>CHECKLIST ITEM:</b>	6-8, Standards Compliance section, “The segment is available on all COE-supported platforms unless otherwise approved by the Chief Engineer.”
<b>APPROVAL REQUESTED:</b>	To provide this segment only for the Sun/Solaris 7 and PC/NT (or Win2K) platforms. At the present time, only the Solaris 7 version has been registered and implemented, but the Windows version will be registered and implemented in the near future.
<b>RATIONALE:</b>	The sponsor, MTMC-TEA, only requires the ELIST mission application to operate on these platforms.

## Documentation Waiver Request

<b>SEGMENT DESIGNATION:</b>	ELIST Reference Data Segment (ELIST)
<b>CM Number:</b>	10100
<b>OPERATING SYSTEM:</b>	Solaris 7
<b>MISSION APPLICATION NAME:</b>	Enhanced Logistics Intratheater Support Tool
<b>TECHNICAL POC:</b>	Kenneth W. Dritz Decision and Information Sciences Division Argonne National Laboratory 9700 S. Cass Ave. Argonne, IL 60439 <a href="mailto:dritz@anl.gov">dritz@anl.gov</a>
<b>DOCUMENTATION AFFECTED:</b>	Installation Procedures (IP)
<b>REQUEST:</b>	To combine the Installation Procedures (IP) document for this segment with those of the other ELIST segments.
<b>RATIONALE:</b>	The installation and deinstallation of this segment are intimately related to those of the other six segments of the ELIST mission application, and all seven segments must be installed to use the features of ELIST. Certain steps must be taken, and certain choices considered, to prepare for the installation of these segments, and certain special requirements come into play between the installation of individual segments or when segments are deinstalled and replaced with later versions. For all these reasons, as well as to allow installation guidelines common to all the segments to be expressed in one place and to allow for helpful cross-referencing between the installation (or deinstallation) instructions of one segment and those of another, the roles and functions of the IP documents normally associated with the seven segments individually have been combined into a single IP document. All the information that would have been provided in seven separate IP documents is available in this one document. There are clearly identified sections for each segment. This organization of the material is believed to be uncommonly helpful to the end user (the installer). Because much would be lost by conforming rigidly to the one-IP-per-segment expectation, there are no plans to do so.
<b>MITIGATION STRATEGY:</b>	

## Documentation Waiver Request

<b>SEGMENT DESIGNATION:</b>	ELIST Reference Data Segment (ELIST)
<b>CM Number:</b>	10100
<b>OPERATING SYSTEM:</b>	Solaris 7
<b>MISSION APPLICATION NAME:</b>	Enhanced Logistics Intratheater Support Tool
<b>TECHNICAL POC:</b>	Kenneth W. Dritz Decision and Information Sciences Division Argonne National Laboratory 9700 S. Cass Ave. Argonne, IL 60439 <a href="mailto:dritz@anl.gov">dritz@anl.gov</a>
<b>DOCUMENTATION AFFECTED:</b>	Software Test Plan (STP), Software Test Description (STD), and Software Test Report (STR)
<b>REQUEST:</b>	To combine the Software Test Plan (STP), Software Test Description (STD), and Software Test Report (STR) documents for this segment into a single combined Software Test Plan/Description/Report (STP/STD/STR) document, and furthermore to combine the STP/STD/STR document for this segment with those of the other ELIST segments.
<b>RATIONALE:</b>	Several of the ELIST segments are passive (data) segments for which the only appropriate test is the verification that the segment appears in the Segment Installer's list of currently installed segments after installation. The installation and deinstallation testing of other segments involves verification that PostInstall and DEINSTALL behave as anticipated when interacting with the system administrator. Functional testing of the two software segments benefits from a carefully orchestrated order of testing, so that verified features can be used to verify other features. For all these reasons, and because there is really only one Software Test Plan for the entire ELIST mission application, it makes eminent sense to combine several manuals as described in the Request. All the information that would have been presented in separate documents is available in the combined document, with a minimum of repetition. This organization recognizes the essential unity of the ELIST mission application and the uselessness of individual ELIST segments except in the context of the mission application as a whole.
<b>MITIGATION STRATEGY:</b>	It is not practical or useful to conform to the rigid document guidelines concerning the STP/STD/STR documents, and there are no plans to do so.

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